

### Quest 1

MEAN OF MONTHLY WAGES (A) = TOTAL  
WAGES / NO OF WORKERS

TOTAL WAGES (A) = MEAN (A) \* NO OF  
WORKERS (A)

$$\text{TOTAL WAGES (A)} = 305 * 20 = 6100$$

IN THE SAME WAY

$$\text{TOTAL WAGES (B)} = 300 * 25 = 7500$$

$$\text{TOTAL WAGES (C)} = 340 * 40 = 13600$$

NOW add all these total  
wages (6100+7500+13600) and divide it by  
total no of workers i.e 85

AND FOR STANDARD DEVIATION:

$$\text{FOR A} = \sqrt{50} \text{ SAME B} = \sqrt{40} \text{ AND C} = \sqrt{45}$$